
0600R7--American Diver Cruise 02 AUG 28-SEP 4 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico. Data were assembled from lab electronic data deliverables from the following QC Batches: 1009061, 1009060, 1009064.

The data sets were for samples collected from American Diver Cruise 02 AUG 28-SEP 4 2010.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

Values for concentration and detection limit should be interpreted to 3 significant figures.
Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****

The data include water chemistry data.

****STATION****

StationIDs are based on the Grid locations recorded in the NOAA Field Sampling Information database, plus a sequential number used for each distinct latitude/longitude position reported.

****SAMPLES AND REPLICATES****

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field in the SmpWat.dbf table. The original SampleID reported by field staff is stored in FldSampID in the SmpWat.dbf table.

The labrep field was coded with "1A" to indicate that the results were from Alpha lab. Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M

AHCN_C09/ Nonane

AHCN_C10/ Decane

AHCN_C11/ Undecane

AHCN_C12/ Dodecane

AHCN_C13/ Tridecane

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M

BTHIOPHNE/ Benzo(b)thiophene

METHNAP_1/ 1-Methylnaphthalene

METHNAP_2/ 2-Methylnaphthalene

NAPTHALENE/ Naphthalene

The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:

Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)

Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)

PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****

No sums were calculated and appended to the data set.

****QUALIFIERS****

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary. "F" (found) qualifiers were added by the data validators, where the lab reported concentration was below the method detection limit (see DL field).

****OTHER****

The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identified by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was proposed to need further distinction based on information acquired from the data validators. The analyte was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total petroleum hydrocarbon results in the final chemistry tables.